

# PennDOT Research Program



# PennDOT Strategic Plan

**Vision** – A better quality of life built on transportation excellence

**Mission** – To provide a sustainable transportation system and quality services that are embraced by our communities and add value to our customers

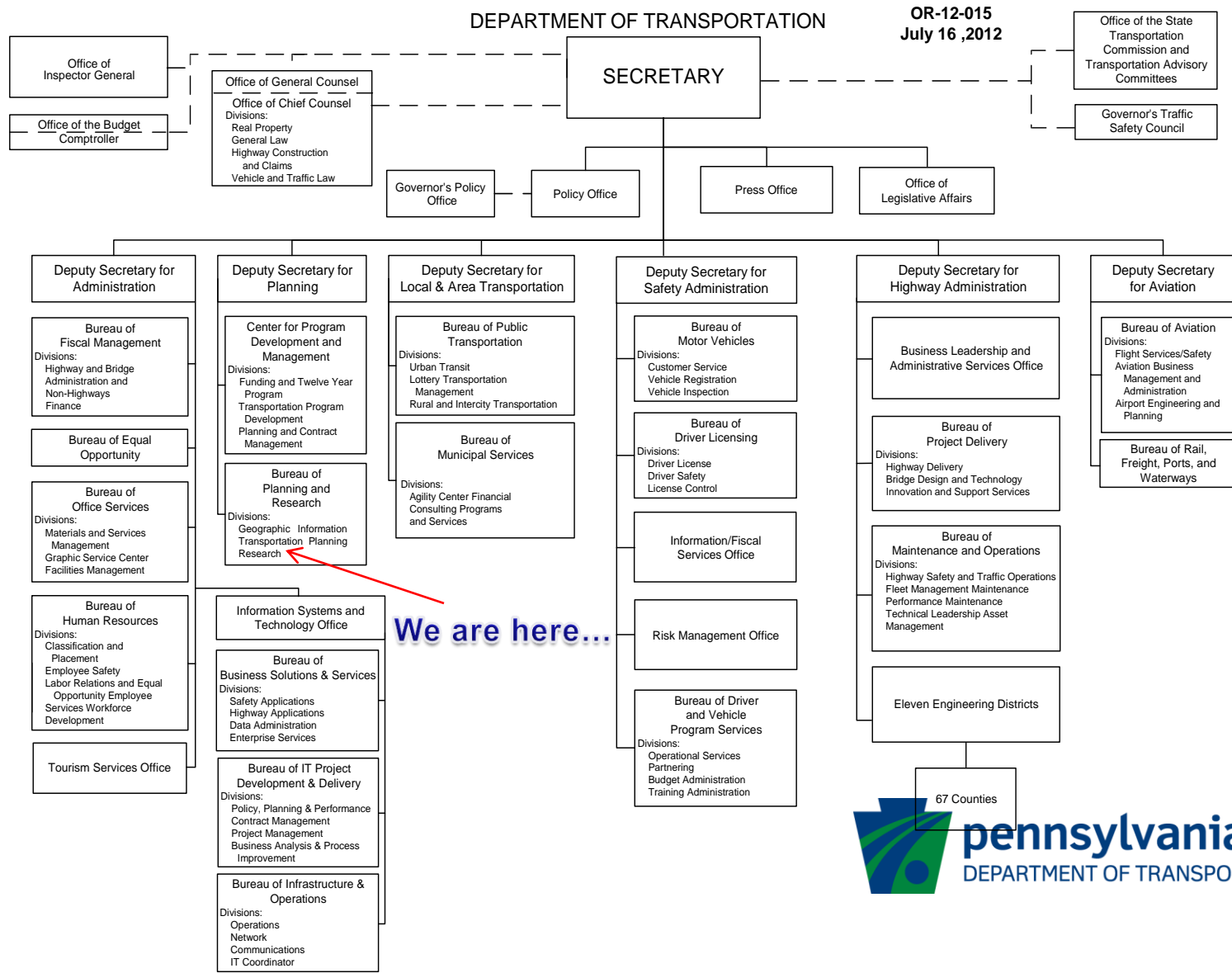
**Values:**

- Safety
- Modernization
- Customer Service
- Communication
- Workforce Development

*The Research Division manages and coordinates research, education and technology transfer programs and projects on behalf of PennDOT. The Research Division strives to support PennDOT 's strategic agenda by addressing vital transportation needs of the Commonwealth.*



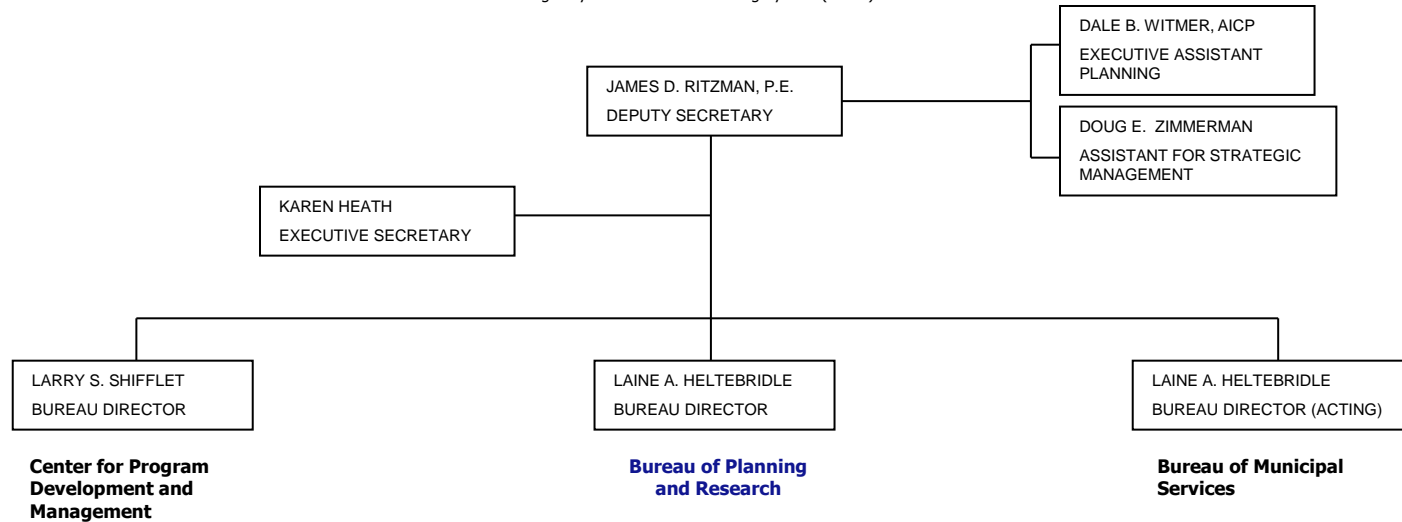
# PennDOT Org Chart



# PennDOT Office of Planning

## Planning Deputate Missions

The Planning deputate is in charge of statewide transportation planning, programming activities, and developing and managing the Pennsylvania's multi-modal transportation infrastructure. Planning distributes municipal and county liquid fuels funding and state police fines while providing direction and support to the 11 district municipal services units statewide. In addition, the deputate serves as a liaison to the various city, county, and municipal associations. The planning deputate is responsible for the Department's research program, the State Transportation Innovation Council, providing Geographic Information solutions for the Department and transportation statistics including traffic and Highway Performance Monitoring System (HPMS) data.



### Center for Program Development and Management

In concert with our partners, develop and manage the Commonwealth's transportation plans, programs, and projects in an environmentally sensitive, administratively efficient, and fiscally responsible manner that exceeds the expectations of our customers.

### Planning & Research

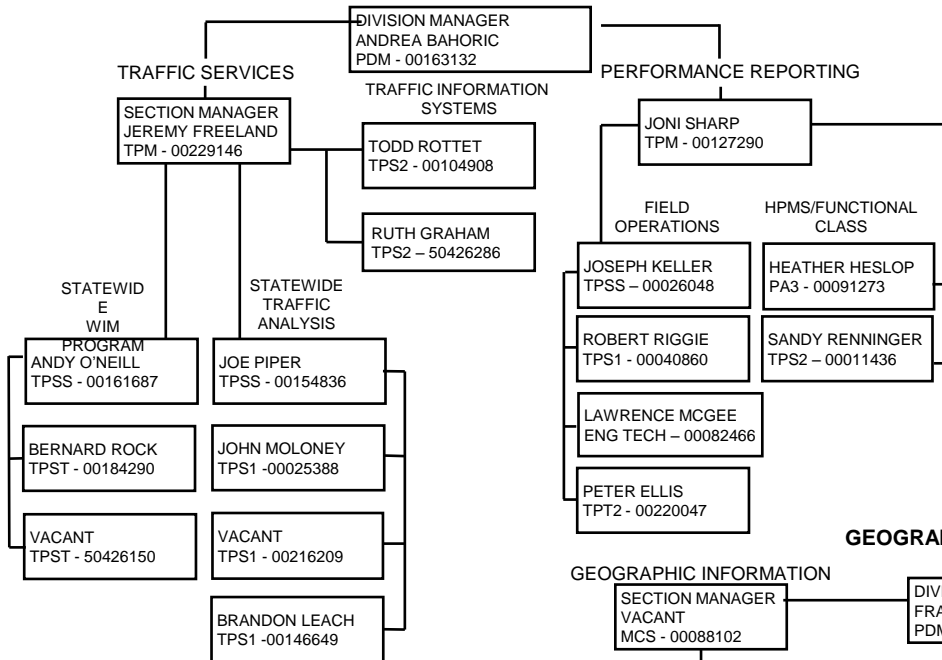
To exceed customer expectations in the areas of Transportation Research, Geographic Information Systems, Mapping, and Transportation Statistics.

### Municipal Services

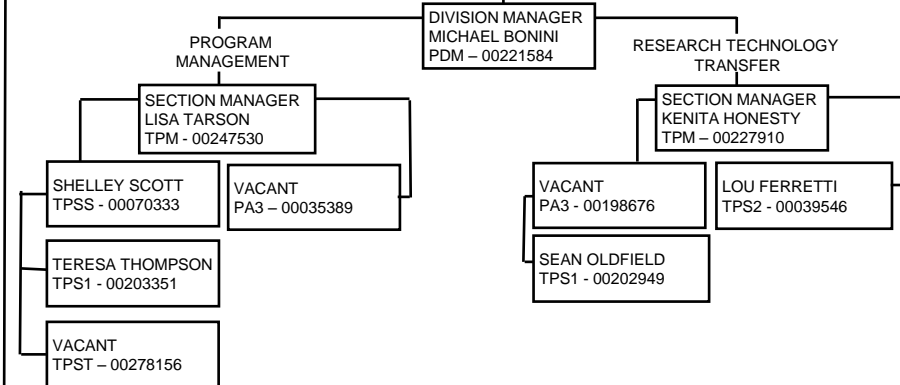
To serve our external partners and local governments as a liaison with state government, to provide our internal and external customers quality service, technical assistance and training needed in a professional and timely manner that will continue to move the Commonwealth's transportation system forward.

# Bureau of Planning and Research Org Chart

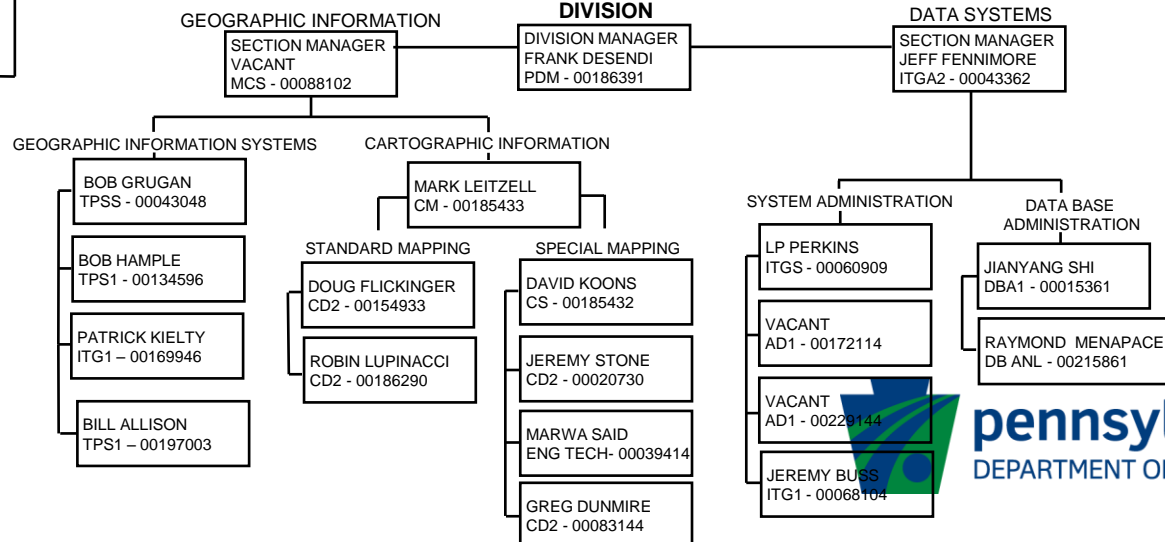
## TRANSPORTATION PLANNING DIVISION



## RESEARCH DIVISION



## GEOGRAPHIC INFORMATION DIVISION



**pennsylvania**  
DEPARTMENT OF TRANSPORTATION

## PennDOT Research Division – Core Activities

### Program Management

- IDEAs
- Program Development
- Contract Initiation
- Project Management
- Budget/Cash Flow
- Invoicing
- DBE Reporting
- Fiscal Closeouts

### Technology Transfer

- State Transportation Innovation Council (STIC)
- TAGs
- Implementation Program
- National Programs
- Library & Research Center
- PennDOT LTAP
- SHRP 2 Implementation



## Executive Level Support for Research Activities

### Level of Participation

- High

### Ways to Engage Leadership

- Demonstrating that the Research Program (and all Research Division activities) supports the PennDOT Strategic Plan
- Reviewing Candidate IDEAs w/ each Deputy Secretary individually
- Formally presenting Research Program at Executive staff meeting... and...

# State Transportation Innovation Council (STIC)

## It is...

- A multi-stakeholder leadership approach to facilitate the rapid implementation of proven, well-researched technologies, tactics, and techniques

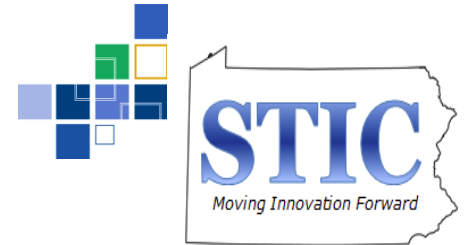
## It is not...

- A venue for unproven, unverified suggestions or ideas





# State Transportation Innovation Council (STIC)



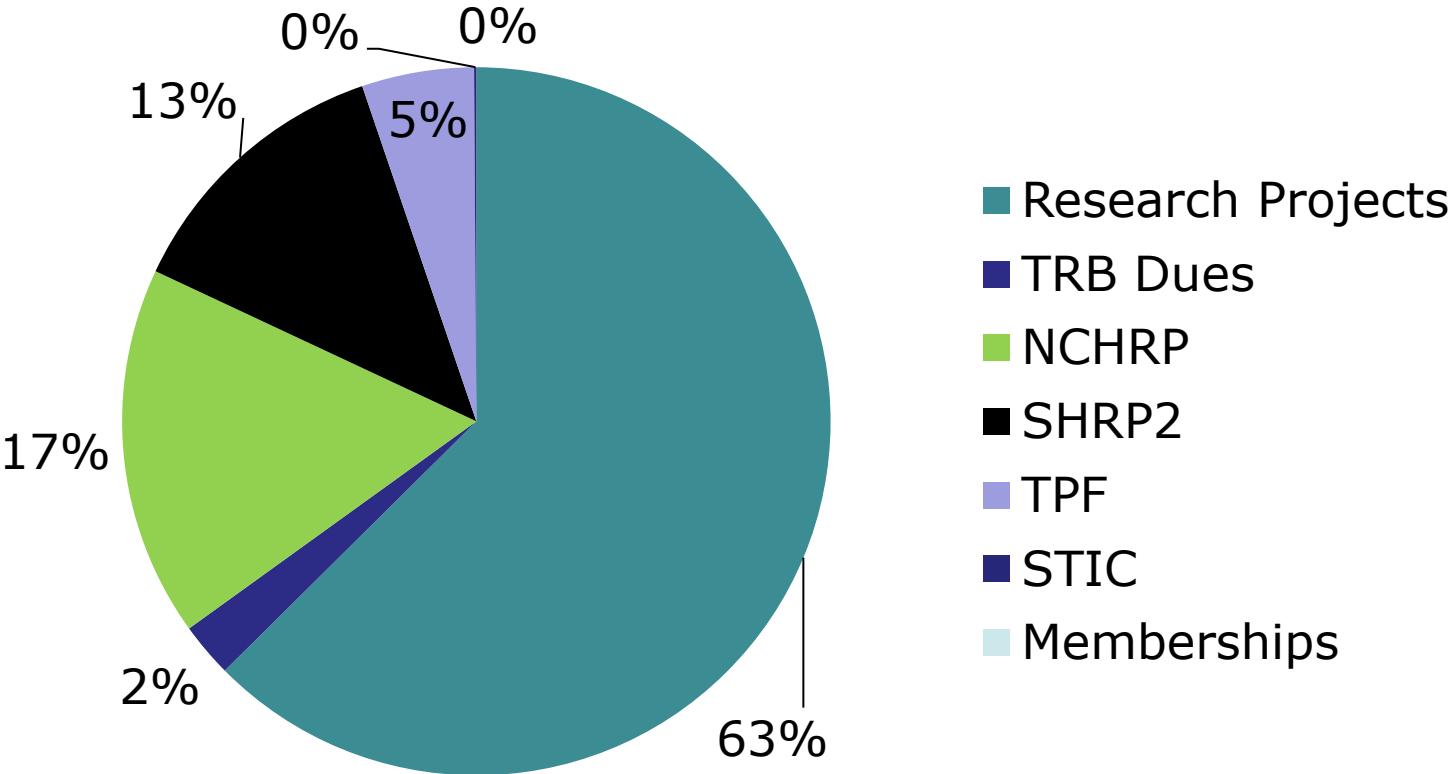
- Quarterly STIC meetings
  - Quarterly briefing & debriefing meetings with PennDOT Secretary, Deputy Secretaries, and FHWA Division Administrator
- How to foster participation by executive staff?
  - By being excellent listeners....

## Research Program Budget Allocation

Research Division Budget	
Research Contracts Budget	\$ 6,108,430
TRB Annual Dues ***	\$ 242,290
NCHRP Contribution ***	\$ 1,650,717
SHRP2 Implementation ***	\$ 1,250,544
TPF Participation ***	\$ 500,000
STIC Support	\$ 10,000
AASHTO Memberships	\$ 0
Total	\$ 9,761,981

# Budget Allocation

Budget Allocation



Research Program Budget – Contracts Only...

Research Program Budget	FY2008-09	FY2009-10	FY2010-11	FY2011-12	FY2012-13	FY2013-14
Budget	\$6,536,700	\$6,526,700	\$6,788,250	\$6,108,430	\$6,108,430	\$6,108,430
Program Commitments	\$2,740,899	\$3,231,580	\$4,615,691	\$3,832,987	\$2,547,845	\$3,032,243
Available for New Research	\$3,795,801	\$3,295,120	\$2,172,559	\$2,275,443	\$3,560,585	\$3,076,187

## Support of National Initiatives

- # of PennDOT staff on TRB Committees – 22
  - *Of those 22, # on multiple committees – 4*
  - Supervisors – 19                      Staff - 3
- # of PennDOT staff on CRP Project Panels – 22
  - *Of these 22, # on multiple panels – 4*
  - Supervisors – 17                      Staff - 5

## Submission of Project Ideas

- # of Project Ideas submitted by PennDOT within past 5 years – 1
- Was it selected for the NCHRP?
  - No...
    - While “endorsed” by an AASHTO committee, this problem statement was not selected by SCOR

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